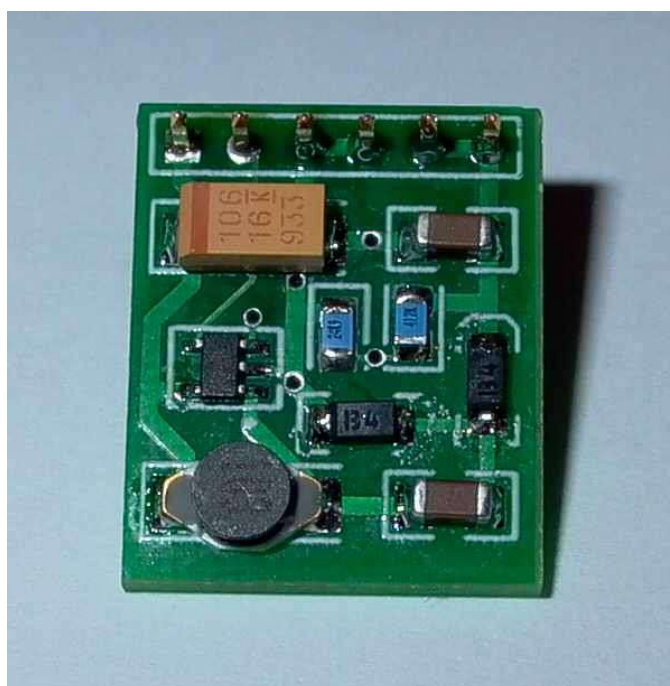


## SP\_INV22\_5 User Manual



Created by Mark de Jong Electronics  
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## 1 Introduction

This Power inverter modul is designed to generate the negative drive power for LC Displays.

## 2 Specifications

Input: +5 volt  
Output: -22,5 volt (different value on request)  
max. 20mA  
Size: 17mm x 21mm

## 3 Connections

**Attention: Pin 1 is marked with the square pad**

*Tabelle 1 Modul Connection*

Pin	Name	Description
1	Vcc	Power Supply +5 Volt
2	OnOff	+5 volt = On GND = Off
3	GND	Ground
4	GND	Ground
5	Vout	Output
6	Vout	Output

## 4 Part List

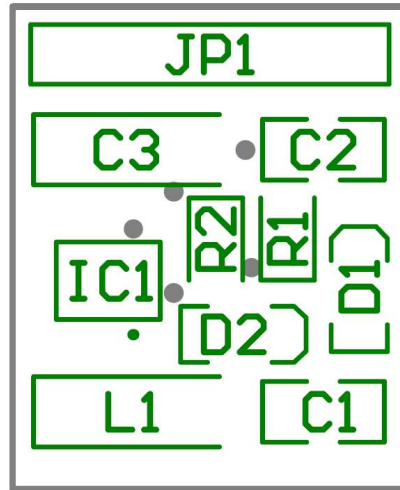


Tabelle 2Part List

Designator	Comment	Footprint	Quantity
C1	Condensator 220nF	1206	1
C2	Condensator 1µF	1206	1
C3	Elko 10µF 16V	2412	1
D1	Schottky Rectifier MBR530	DSO-G2/D6	1
D2	Schottky Rectifier MBR530	DSO-G2/D6	1
IC1	IC LT1617	SO-G5/P.95	1
JP1	Header 6	HDR1X6	1
L1	Inductor 10µH	2412	1
R1	Resistor 412K 1%	0805	1
R2	Resistor 24.9K 1%	0805	1